

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20020149136"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 09:57
L2	1	1 and ((cutting trenching slicing dicing) with semiconductor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 08:30
L3	1	2 and spot	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 08:02
L4	1	2 and spot same overlap	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 08:28
L5	265	laser with lens with different near5 "focal length\$"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 10:48
L6	1	5 and ((cut\$4 trench\$4 slic\$4 dic\$4 scribe\$4 score\$4 etch\$4) with semiconductor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 08:32
L7	123	5 and ((cut\$4 trench\$4 slic\$4 dic\$4 scribe\$4 score\$4 etch\$4) with laser)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 08:50
L8	2	5 and ((cut\$4 trench\$4 slic\$4 dic\$4 scribe\$4 score\$4 etch\$4) with (nonmetal\$4 silicon semiconductor\$4) with laser)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 08:44
L9	3	5 and ((cut\$4 trench\$4 slic\$4 dic\$4 scribe\$4 score\$4 etch\$4) with (nonmetal\$4 silicon semiconductor\$4) same laser)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 10:03

## EAST Search History

L10	3	7 and ((cut\$4 trench\$4 slic\$4 dic\$4 scrib\$4 scor\$4 etch\$4) with (nonmetal\$4 silicon semiconduct\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 08:49
L11	0	7 and ((cut\$4 trench\$4 slic\$4 dic\$4 scrib\$4 scor\$4 etch\$4) with (nonmetal\$4 silicon semiconduct\$4)) not 9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 08:49
L12	150	5 and lens.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 08:50
L13	199	5 and ((two multiple plural\$4) near5 lens)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 08:51
L14	49	5 and (((two multiple plural\$4) near5 lens) with (different near5 "focal length\$"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 08:52
L15	47	5 and (((two multiple plural\$4) near3 lens) with (different near5 "focal length\$"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 08:54
L16	99	double adj reflect\$4 with crystal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 08:56
L17	6	16 with laser	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 09:01
L18	2190	(quarter adj wave) with plate with laser	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 09:02
L19	23	18 same (multiple plural\$4) near5 lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 09:02

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L20	192	5 and collimat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 09:07
L21	100	7 and collimat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 09:08
L22	2	21 and "219"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 09:20
L23	588	219/121.75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 09:20
L24	47	23 and (differ\$4 with foc\$6 near5 lens)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 09:21
L25	29	23 and (differ\$4 with foc\$6 near5 length)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 09:27
L26	4	25 and objective near5 system	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 09:45
L27	5	25 and (xy (x same y)) with (table support)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 09:51
L28	0	1 and xy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 09:57
L29	0	1 and (x y) near5 table	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 09:57

## EAST Search History

L30	2	1 and (x y)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 09:58
L31	2	1 and ps	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 09:59
L32	2	1 and ("ps" pico\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 09:59
L33	0	1 and ("ps" pico\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/01 10:00
L34	1	1 and (second)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 10:02
L35	0	1 and (pulse with "ps")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 10:02
L36	1	5 and ((cut\$4 trench\$4 slic\$4 dic\$4 scrib\$4 scor\$4 etch\$4) with (pulse with "ps"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 10:04
L37	86	laser with ((cut\$4 trench\$4 slic\$4 dic\$4 scrib\$4 scor\$4 etch\$4) with (pulse with "ps"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 10:04
L38	122	laser with ((cut\$4 trench\$4 slic\$4 dic\$4 scrib\$4 scor\$4 etch\$4) with (pulse with ("ps" picosecond)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 10:06
L39	42	38 and (cut\$4 trench\$4 slic\$4 dic\$4 scrib\$4 scor\$4 etch\$4) with (nonmetal\$4 silicon semiconduct\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 10:36

## EAST Search History

L40	2	39 and (perpendicular\$3 with parallel\$4 with (defect cut\$4 trench\$4 slic\$4 dic\$4 scrib\$4 scor\$4 etch\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 10:38
L41	0	39 and (perpendicular\$3 with plural\$4 with (defect cut\$4 trench\$4 slic\$4 dic\$4 scrib\$4 scor\$4 etch\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 10:38
L42	14	39 and (plural\$4 with (defect cut\$4 trench\$4 slic\$4 dic\$4 scrib\$4 scor\$4 etch\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 10:43
L43	41	"2000278306"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 10:46
L44	1	laser with multiple with crack with within	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 10:47
L45	91	5 and (laser with multiple with within)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 10:48
L46	1	5 and (laser with multiple with within with (spot defect etch\$3 scor\$4 scrib\$4 cut\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:01
L47	7	"20010009250" "20020149136"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:01
L48	5	47 and transparent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 11:02
S1	735	(pulse near5 laser) same ((cut\$4 scrib\$4 etch\$4) with (nonmetal\$5 glass sapphire ceramic semiconductor silicon corundum crystal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/29 08:24

## EAST Search History

S2	739	(pulse near5 laser) same ((cut\$4 scribe\$4 score\$4 etch\$4) with (nonmetal\$5 glass sapphire ceramic semiconductor silicon corundum crystal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/29 08:25
S3	46	S2 and ((cut\$4 scribe\$4 score\$4 etch\$4) near5 transparent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/29 08:25
S4	25	S3 and ((cut\$4 scribe\$4 score\$4 etch\$4) with focus\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/29 08:26
S5	12	S3 and ((cut\$4 scribe\$4 score\$4 etch\$4) with (spot point) near5 focus\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/29 08:32
S6	6	S5 and ps	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/29 08:28
S7	8	S3 and ((cut\$4 scribe\$4 score\$4 etch\$4) with (spot point focus\$3) near5 (inside within interior))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/01 07:42
S8	2	"20020149136"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/29 08:39